



COPY OF PAPER  
ORIGINALLY FILED

DT06 Rec'd PCT/PTO 12 AUG 2002 RECEIPT  
POT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



22469

SEP 09 2002  
RECEIVED  
INTER 1600/2900

Art Unit : 1615  
Examiner :  
Serial No. : 10/049,472  
Filed : February 12, 2002  
Inventors : Hiroshi Nagase  
: Takashi Endo  
: Kuniaki Kawamura  
: Toshiaki Tanaka  
: Tomohiko Suzuki  
: Tsutomu Suzuki  
: Yasushi Kuraishi  
: Kimiyasu Shiraki  
Title : REMEDIES FOR  
: NEUROPATHIC PAIN  
: AND MODEL ANIMALS  
: OF NEUROPATHIC PAIN  
: February 12, 2002

Docket: 1038-02  
Confirmation. No.: 4103

Date: August 8, 2002

Attn: Application Processing Division  
Customer Correction Branch  
Commissioner for Patents  
Washington, DC 20231

Sir:

**Certificate of Mailing Under 37 CFR 1.8**

For

Postcard

Request for Corrected Filing Receipt

Filing Receipt with Correction Noted in Red

Copy of Combined Declaration, Power of Attorney and Petition

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed Attn: Application Processing Division, Customer Correction Branch, Commissioner for Patents, Washington, DC 20231, on the date appearing below.

Name of Applicant, Assignee, Applicant's Attorney  
or Registered Representative:

Schnader Harrison Segal & Lewis  
Customer No. 022469

By: 

Date: 8 AUG 2002



COPY OF PAPERS  
ORIGINALLY FILED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1615  
Examiner :  
Serial No. : 10/049,472  
Filed : February 12, 2002  
Inventors : Hiroshi Nagase  
: Takashi Endo  
: Kuniaki Kawamura  
: Toshiaki Tanaka  
: Tomohiko Suzuki  
: Tsutomu Suzuki  
: Yasushi Kuraishi  
: Kimiyasu Shiraki  
Title : REMEDIES FOR  
: NEUROPATHIC PAIN  
: AND MODEL ANIMALS  
: OF NEUROPATHIC PAIN  
: February 12, 2002



22469

RECEIVED  
SEP 09 2002  
TECH CENTER 160012900

Docket: 1038-02  
Confirmation. No.: 4103

Date: August 8, 2002

**REQUEST FOR CORRECTED FILING RECEIPT**

Attn: Application Processing Division  
Customer Correction Branch  
Commissioner for Patents  
Washington, DC 20231

Sir:

We are in receipt of the official filing receipt. We note that one of the Applicants name has been spelled incorrectly. Please change "Toshiaka Tanaka, Kanagawa, JAPAN" with --Toshiaki Tanaka Kanagawa, JAPAN--. A copy of the filing receipt with the correction noted in red is enclosed. I also enclose a copy of the Combined Declaration, Power of Attorney and Petition for your convenience.

We look forward to receiving a corrected filing receipt in due course.

Respectfully submitted,

T. Daniel Christenbury  
Reg. No. 31,750

TDC:kb  
(215) 563-1810

RECEIVED

Page 1 of 2

COPY OF PAPER  
ORIGINALLY FILED

SEP 9 2002

UNITED STATES PATENT AND TRADEMARK OFFICE TECH CENTER 1600/2900

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 10/049,472         | 05/28/2002  | 1615         | 1020          | 1038-02         | 18       | 9          | 2          |

CONFIRMATION NO. 4103

22469  
SCHNADER HARRISON SEGAL & LEWIS, LLP  
1600 MARKET STREET  
SUITE 3600  
PHILADELPHIA, PA 19103

FILING RECEIPT



\*OC000000008506048\*

RECEIVED  
AUG 02 2002  
SHSL  
IP DEPT.

Date Mailed: 07/29/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**Hiroshi Nagase, Kanagawa, JAPAN;  
Takashi Endo, Kanagawa, JAPAN;  
Kuniaki Kawamura, Kanagawa, JAPAN;  
Toshiaki Tanaka, Kanagawa, JAPAN;  
Tomohiko Suzuki, Kanagawa, JAPAN;  
Tsutomu Suzuki, Kanagawa, JAPAN;  
Yasushi Kuraishi, Toyama, JAPAN;  
Kimiyaasu Shiraki, Toyama, JAPAN;**Domestic Priority data as claimed by applicant**

THIS APPLICATION IS A 371 OF PCT/JP00/05690 08/24/2000

**Foreign Applications**

JAPAN 11/236778 08/24/1999

**Projected Publication Date:** Not Applicable, filed prior to November 29, 2000**N n-Publication Request:** No**Early Publication Request:** NoEndorse!  
Cl

**Title**

Remedies for neuropathic pain and model animals of neuropathic pain

**Preliminary Class**

424

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

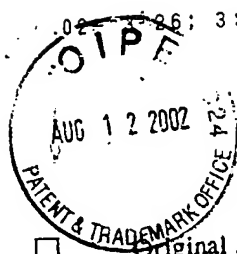
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



COPY OF PAPERS  
ORIGINALLY FILED

Attorney Docket No. 108802

RECEIVED

SEP 09 2002

TECH CENTER 1600/2900

- ☐ Original Application
- ☒ PCT National Application  
U.S. Designated Office
- ☐ Continuation or Divisional Application
- ☐ Continuation-in-Part Application

COMBINED DECLARATION,  
POWER OF ATTORNEY AND PETITION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **REMEDIES FOR NEUROPATHIC PAIN AND MODEL ANIMALS OF NEUROPATHIC PAIN**

☐ which is described in the specification and claims

☐ attached hereto.

☐ filed on \_\_\_\_\_

Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_

(if applicable)

☒ which is described in International Application No. PCT/IP00/05690

filed 24 August 2000 and as amended on \_\_\_\_\_

(if any),

which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

2- 3-26; 3:47PM; 東レ株式会社 知的財産部

# COMBINED DECLARATION, POWER OF ATTORNEY AND P. 1038-02

(Page 2)

Attorney Docket No. 1038-02

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International Application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT International Application having a filing date before that of the application on which priority is claimed:

| Number    | Country | Date of Filing<br>(day, month, year) | Priority Claimed<br>■ yes □ no |
|-----------|---------|--------------------------------------|--------------------------------|
| 236778/99 | Japan   | 24 August 1999                       | □ yes □ no                     |
|           |         |                                      | □ yes □ no                     |
|           |         |                                      | □ yes □ no                     |
|           |         |                                      | □ yes □ no                     |
|           |         |                                      | □ yes □ no                     |

I hereby claim the benefit under Title 35, United States Code, §119(e) or §120 (as applicable) of any United States application(s) or §365(c) of any PCT International Application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112:

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the registered attorneys listed under Customer No. 022469 and the following registered attorneys to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

T. Daniel Christenbury Reg. No. 31,750  
 Guy T. Donatiello Reg. No. 33,167  
 Paul A. Taufer Reg. No. 35,703  
 Albert T. Keyack Reg. No. 32,906  
 Jeffrey L. Eichen Reg. No. 41,496  
 Austin R. Miller Reg. No. 16,602  
 James A. Drobile Reg. No. 19,690  
 Joan T. Kluger Reg. No. 38,940

Frank A. Cona  
 Michael A. Patané  
 Robert A. McKinley  
 Stewart M. Wiener  
 Stephenie W. Yeung

Reg. No. 38,412  
 Reg. No. 42,982  
 Reg. No. 43,793  
 Reg. No. 46,201  
 Reg. No. 48,052

**SEND CORRESPONDENCE TO:**  
 IP Department  
 Schnader Harrison Segal & Lewis  
 36th Floor, 1600 Market Street  
 Philadelphia, PA 19103

**DIRECT TELEPHONE CALLS TO  
 ATTORNEY OF RECORD AT:**  
 (215) 563-1810

COMBINED DECLARATION, POWER OF ATTORNEY AND PETITION  
(Page 3)

Attorney Docket No. 1038-02

I hereby petition for grant of a United States Letters Patent on this invention.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|   |   |                        |
|---|---|------------------------|
| 1. FULL NAME OF SOLE OR FIRST INVENTOR<br>Hiroshi Nagase                                      | INVENTOR'S SIGNATURE<br><i>Hiroshi Nagase</i>   | DATE<br>Feb. 20, 2002  |
| RESIDENCE<br>Kanagawa, Japan  | CITIZENSHIP<br>Japan                            |                        |
| POST OFFICE ADDRESS<br>2-10-4, Kajiwara, Kamakura-shi, Kanagawa 247-0063 Japan                |   |                        |
| 2. FULL NAME OF JOINT INVENTOR, IF ANY<br>Takashi Endo  | INVENTOR'S SIGNATURE<br><i>Takashi Endo</i>     | DATE<br>Feb. 20, 2002  |
| RESIDENCE<br>Kanagawa, Japan  | CITIZENSHIP<br>Japan                            |                        |
| POST OFFICE ADDRESS<br>1586-4, Hagazono, Chigasaki-shi, Kanagawa 253-0071 Japan               |   |                        |
| 3. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY<br>Kuniaki Kawamura                         | INVENTOR'S SIGNATURE<br><i>Kuniaki Kawamura</i> | DATE<br>Feb. 20, 2002  |
| RESIDENCE<br>Kanagawa, Japan  | CITIZENSHIP<br>Japan                            |                        |
| POST OFFICE ADDRESS<br>1-20-33, Tsunishi, Kamakura-shi, Kanagawa 248-0034 Japan               |   |                        |
| 4. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY<br>Toshiaki Tanaka                          | INVENTOR'S SIGNATURE<br><i>Toshiaki Tanaka</i>  | DATE<br>Feb. 19, 2002  |
| RESIDENCE<br>Kanagawa, Japan  | CITIZENSHIP<br>Japan                            |                        |
| POST OFFICE ADDRESS<br>1-11-24, Numama, Zushi-shi, Kanagawa 249-0004 Japan                    |   |                        |
| 5. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY<br>Tomohiko Suzuki                          | INVENTOR'S SIGNATURE<br><i>Tomohiko Suzuki</i>  | DATE<br>March 11, 2002 |
| RESIDENCE<br>Kanagawa, Japan  | CITIZENSHIP<br>Japan                            |                        |
| POST OFFICE ADDRESS<br>6-6-9, Chiyogaoka, Asao-ku, Kawasaki-shi, Kanagawa 215-0005 Japan      |   |                        |
| 6. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY<br>Tsutomu Suzuki                           | INVENTOR'S SIGNATURE<br><i>Tsutomu Suzuki</i>   | DATE<br>March 9, 2002  |
| RESIDENCE<br>Kanagawa, Japan  | CITIZENSHIP<br>Japan                            |                        |
| POST OFFICE ADDRESS<br>5-4-23-401, Youkoudai, Isogo-ku, Yokohama-shi, Kanagawa 235-0045 Japan |   |                        |
| 7. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY<br>Yasushi Kuraishi                         | INVENTOR'S SIGNATURE<br><i>Yasushi Kuraishi</i> | DATE<br>Feb 25, 2002   |
| RESIDENCE<br>Toyama, Japan  | CITIZENSHIP<br>Japan                            |                        |
| POST OFFICE ADDRESS<br>68-27, Hotarugawa, Fuchunachi, Nei-gun, Toyama 939-2728 Japan          |   |                        |

COMBINED DECLARATION, POWER OF ATTORNEY AND PETITION  
(Page 4)

Attorney Docket No. 1038-02

|   |  |   |                       |
|---|--|---|-----------------------|
| 8. FULL NAME OF SOLE OR FIRST INVENTOR<br>Kiniyasu Shiraki                |  | INVENTOR'S SIGNATURE<br><i>Kiniyasu Shiraki</i> | DATE<br>Feb. 25, 2002 |
| RESIDENCE<br>Toyama, Japan  |  | CITIZENSHIP<br>Japan                            |                       |
| POST OFFICE ADDRESS<br>34-16, Anyoubou, Toyama-shi, Toyama 930-0881 Japan |  |   |                       |
| 9. FULL NAME OF JOINT INVENTOR, IF ANY                                    |  | INVENTOR'S SIGNATURE                            | DATE                  |
| RESIDENCE   |  | CITIZENSHIP                                     |                       |
| POST OFFICE ADDRESS   |  |   |                       |
| 10. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY                        |  | INVENTOR'S SIGNATURE                            | DATE                  |
| RESIDENCE   |  | CITIZENSHIP                                     |                       |
| POST OFFICE ADDRESS   |  |   |                       |
| 11. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY                        |  | INVENTOR'S SIGNATURE                            | DATE                  |
| RESIDENCE   |  | CITIZENSHIP                                     |                       |
| POST OFFICE ADDRESS   |  |   |                       |
| 12. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY                        |  | INVENTOR'S SIGNATURE                            | DATE                  |
| RESIDENCE   |  | CITIZENSHIP                                     |                       |
| POST OFFICE ADDRESS   |  |   |                       |
| 13. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY                        |  | INVENTOR'S SIGNATURE                            | DATE                  |
| RESIDENCE   |  | CITIZENSHIP                                     |                       |
| POST OFFICE ADDRESS   |  |   |                       |
| 14. FULL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY                        |  | INVENTOR'S SIGNATURE                            | DATE                  |
| RESIDENCE   |  | CITIZENSHIP                                     |                       |
| POST OFFICE ADDRESS   |  |   |                       |